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2014 Advanced Relevant Education

Monterey, California. Naval Postgraduate School

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NAVAL POSTGRADUATE SCHOOL



2014 ADVANCED RELEVANT EDUCATION

ACADEMIC ORGANIZATION AND PROGRAMS

The Department of the Navy established the Naval Postgraduate School (NPS) as a unique academic institution with an emphasis on educational and research programs that are relevant to the Navy and the U.S. Department of Defense (DOD), serving both national and international security-related interests. NPS is one of the most distinctive, real-world focused and ground-breaking research universities in the world. From cybersecurity, applied physics and energy science to oceanography, unmanned systems and astronautical engineering, the ever-expanding range of cutting-edge programs and research inspire operationally-experienced students to apply their skills to solving the immediate needs of the U.S. national security enterprise.

In addition to 31 research centers, four world-class schools oversee 13 academic departments that provide more than 82 master's, 14 doctoral degree programs, and 52 certificates to approximately 1,616 resident students and 977 distributed-learning students worldwide. Non-resident courses are delivered to students through online, web-enabled, video tele-education systems and/or by visiting faculty. Continuous learning, refresher and transitional educational opportunities abound, and short-term executive education and a variety of short courses are also offered by NPS, both in Monterey and abroad.

More than half of NPS students are officers from the U.S. Navy and Marine Corps, with significant representation from the other U.S. Armed Forces and DOD agency civilians studying side-by-side with over 222 international officers from more than 58 nations. These students are the world's military and civilian leaders of tomorrow, and have been selected to study in NPS' degree and certificate programs, as well as globe-spanning mobile education teams. These programs demonstrate the ability of NPS to quickly respond to the emerging needs of national security, bringing the intellectual capital of highly-respected faculty to bear upon new challenges.

DEFENSE-FOCUSED RESEARCH

Collaborative research programs with wide-reaching applications make NPS a world leader in defense-focused graduate education. With numerous centers and academic groups conducting research in diverse areas, students can study everything from defense-related business practices to spaceship design. Most centers take a multidisciplinary approach with advisors from a variety of complimentary disciplines working together to tackle tough defense-related issues. The ever-expanding range of cutting-edge programs and accompanying sponsored research inspire operationally-experienced student researchers to look forward into the future.

NPS SCHOOLS

Graduate School of Business
and Public Policy

Graduate School of Engineering
and Applied Sciences

Graduate School of Operational
and Information Sciences

School of International
Graduate Studies

NPS DEPARTMENTS

Applied Mathematics

Business & Public Policy

Computer Science (CS)

Defense Analysis (DA)

Electrical and Computer
Engineering (ECE)

Information Sciences (IS)

Mechanical and Aerospace
Engineering (MAE)

Meteorology

National Security Affairs (NSA)

Oceanography

Operations Research (OR)

Physics

Systems Engineering (SE)

ACADEMIC GROUPS

Cyber Academic Group

Energy Academic Group

Space Systems Academic Group

Systems Engineering Analysis

Undersea Warfare

Academic Group

FACULTY

Approximately 696 scholars and professionals comprise the NPS faculty, with 6.5 percent being military officers who bring operational experience into the classrooms and labs. Of the 238 tenured and tenure-track professors at NPS, 7.5 percent are distinguished. The civilian faculty are drawn from a broad diversity of educational institutions and represent a prestigious collection of scholars. Faculty and student interaction is high with every class taught directly by a faculty member.

Some of the school's 35 Academic Chairs are sponsored by agencies such as NASA, the National Reconnaissance Office, Lockheed-Martin and the National Security Agency, and faculty are recruited from various industries and defense-related government organizations. To strengthen program relevance and to expedite research successes at NPS, a robust mix of tenured faculty, lecturers and visiting professionals integrate teaching with research, demonstrating the immediate applicability of defense-related theories to defense-related solutions, many times resulting in patent-eligible technologies.

ALUMNI

NPS boasts alumni from all 50 states, the District of Columbia and more than 100 nations worldwide. The NPS Distinguished Alumnus Award is granted to those whose professional achievements are significant, while the NPS Hall of Fame Award recognizes alumni or friends who have benefited our society, nation and the university with exemplary careers in public service. To date, 21 honorees representing a chief of naval operations, a commander of special operations forces, admirals, generals, defense scientists, and a mayor and judge have been inducted into the NPS Hall of Fame.

ABOUT THE NAVAL POSTGRADUATE SCHOOL

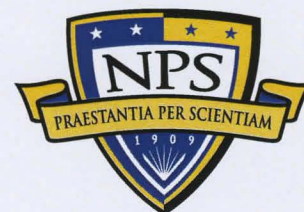
Earning a degree at the Naval Postgraduate School delivers tremendous benefits of one of the country's most beautiful places with outstanding quality of living. Located in beautiful Monterey on California's Central Coast, 120 miles south of San Francisco, the NPS campus covers 627 acres along the Pacific Ocean. NPS features state-of-the-art laboratories, academic classrooms and research spaces, including classified facilities, an award-winning library, government housing and impressive recreational facilities. Additionally, NPS has access to substantial facilities within Monterey County for conducting field experiments.

Established in 1909, NPS began as an institution to provide graduate engineering education to naval officers. For more than 100 years, it has evolved into an internationally-respected graduate university accepting service men and women from the U.S. armed services, DOD civilians and contractors, defense industry civilians, and international officers from partner nations around the world. NPS offers master's and doctoral degrees as well as certificate programs and executive courses that can be earned in residence or via distance learning. For more information or to apply online, visit www.nps.edu.

NPS CENTERS

Aerodynamic Decelerator Systems Center
Center for Asymmetric Warfare
Center for Autonomous Vehicle Research (CAVR)
Center for Civil Military Relations
Center for Cyber Warfare
Center for Decision, Risk, Controls and Signals Intelligence
Center for Defense Management Reform
Center for Edge Power
Center for Homeland Defense and Security (CHDS)
Center for Information Systems Security Studies and Research
Center for Infrastructure Defense
Center for Interdisciplinary Remotely Piloted Aircraft Studies (CIRPAS)
Center for Joint Services Electronic Warfare
Center for Materials Research
Center for Measurement and Signature Intelligence (MASINT) Research
Center for Multi-INT Studies (CMIS)
Center for Network Innovation and Experimentation (CENETIX)
Center for New Security Economics and Net Assessment
Center for Radiation Hardened Electronics
Center for Survivability and Lethality
Center for the Study of Mobile Devices and Communications
Center on Contemporary Conflict
Center on Terrorism and Irregular Warfare
Cryptologic Research Center
Information Dominance Center for Excellence
Information Operations Center for Research
Littoral Operations Center (LOC)
Remote Sensing Center
SEED Center for Data Farming (Simulation Experiments & Efficient Designs)
Software Engineering Center
Spacecraft Research and Design Center
Turbo-Propulsion Laboratory
Undersea Warfare Center

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